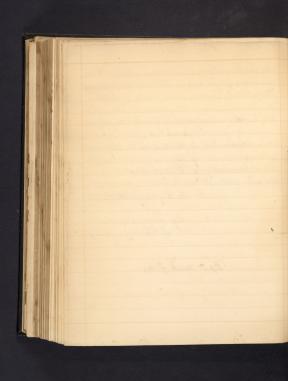
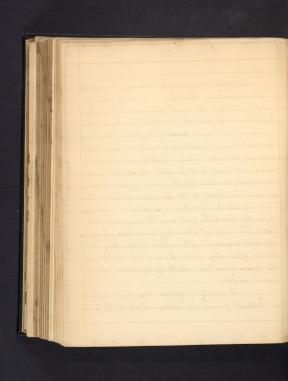
An inaugural Depertation on Dysenteria Submitted to the medical Faculty University of Pensylvania For the Degree of M.D. By Thomas Dohnson of Petersburg Vo\_-Paper March 17 1823

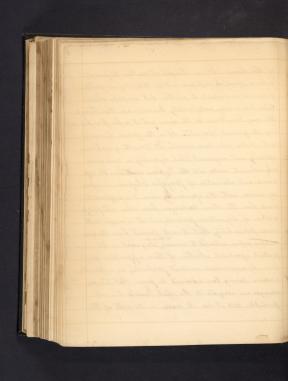


Dysentery the subject selected for my mangeral dis sertation can not be discribed more accurately than by copying verbation the correct delineation of this discuse by bullen. "The patient" he observes "has frequent stools accompanied with much tormina and followed by a tenimus The stools though frequent are generally in small yeartities and the matter vorded is chiefly mucus pointimes mixed with blood, at the runetime the natural faces sel dom appear, and when they do, are in a compact and harden eld form. In addition to the observations of bullen it is to be remarked that there is somtimes no descharge from the bowels. In such cases the durane is most fatal. The want of alimentary evacuations areres from The nigh degree of influmnation transcending The bounds of secretory action. Caces of this character of The desease have been related by Sydenhum and some modern writers.

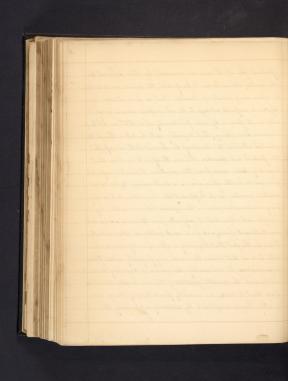
A variety of opinions have been entertained at different provides by authors relative to the course



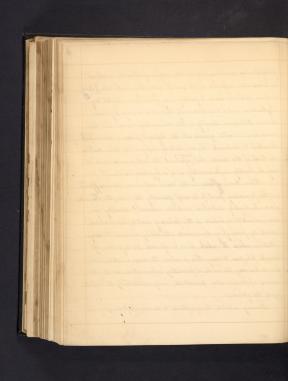
of this disease. It was thought at one time to proveed from a specific contagion and in this way imparted from one individual to another but accurate observa tions have very satisfactorily demonstrated that though this may rome times be the case, yet it is far from being its general character. It is the opinion of some re cent writers who have muntained it with great in genuity and argument that dysentery is contagious only when it renks into the Typhous contlition. The expe nence and observation of professor Chapman, he informs us, accords with this opinion. By some it is supposed to were from the alvine decharges, from wrine and perspe ration of Dysenteric patients; and it is urged with more plausibility, that it will proceed from the eval autions when allowed to remain plagment in the patients apartment. Neither of these suppositions has been by any meuns rendered probable; no sufficient evidence having been addressed to prove that the discharges are adequate to this effect, Indeed it is not probable that it has its source in the fifth of the



patient for if it were communicated by those different dis. charges Viz Urine, Faces, I persperation, the descure would certain by a frame every variety of Character. But we find it when contagion is suspected always to be one uniform direuse or varied only in its force or by some peculearity of constitution. It has moreover been shown, that Expentery will be taken though the greatest attention to cleanliness be observed both as respects The patient and chamber. We are therefore to conclude that Dysentery theorer courses from the excretions. When it is imparted from one to another it is done in a direct manner by contagion which is secreted in its Typhous state. In addition to Dysentry being communicated when in the Typohous state we are told by Pringle and others that it originales from the same sources with our autumnal fevers; and from avoid substances taken ento the Stomach. The fact that Dysentery is often of an Epidemuch Chan actor is to us that it has its rource very frequently in atmospheric contaminations. In inumerating the causes of Dysentery roc should not overlook the sensible quateties of the air, Sudden transitions from heat to cold, we evidently productive of this as well as other bowel complaints by suddenly suppressing the

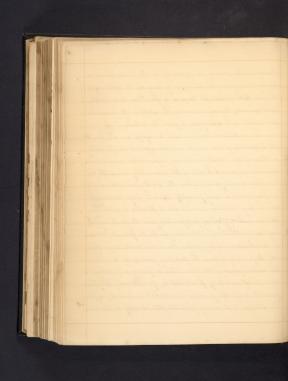


perspiratory secretions, and in this way may often be considered a Rheumatic affection of the bowels alternating with Rheumation or from whatever cause Dysentery may wise we are tought by Sydenham, and I believe correlly that it is always a febrile disease determined directly to the alimentary canal. at the same time it often assumes all the different forms of Intermittent Remillent & Continued. We are told by many of the Older Buthors who treat of this disease that affirmed the last named form it may be highly inflammatory or of a Typhous nature. When march effluence is the cause which we have supposed in the preceeding part to be most generally the case, the stomach from its highly disturbed condition nausea I vometing we are induced to be believe is the primary seat of the derease, which by progressing downwards ultimately reaches the larger intestines rolenes its whole force is expended. The difsections of Tringle bleg hom I many others in which the large entertenes were found bearing the marks of precising inflammation and the phe nomina of morbed action demonstrate very satisfactority the correct ness of this openion Slaving detailed the symptoms of causes of Dysentery et

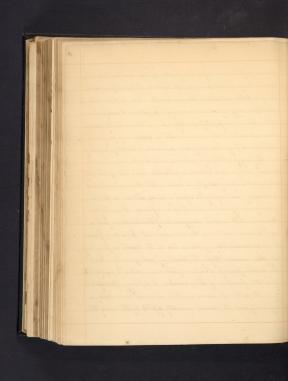


becomes next new pary to speak of the bearners, which is horoever very simple as it is only newform to distinguish it from Dewisheen. The presence of force together with Tunorus and the appearance of the stock in the former readily anables us to distinguish it from the latter.

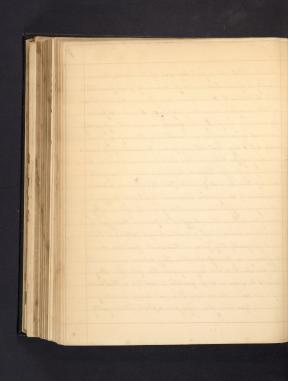
The broducent which is next to engage our allention of the broductions of care which are made apparent in the bushing of the symphotics cased in remaining enflammation, meeted brite time and a plasmodeck state of the allementary council the forecast fore discharges and restore the healthy condition of the surface, which is most generally hot and day Instances to the contrary semilians occur in which the street is constantly the contrary semilians or care in which the street is constantly the contrary semilians of the complement. Cares of this kind are often field. For a considerable time after the days of by denham the practice pursued by him in the communicant of the care that of giving an emitic was almost amortally presented by practitions. At the forest time this practice is somewhat condensed, unless time this practice is somewhat condensed, unless the stomach is in a very perturbed states, dending an accumulate



lution of bile and offensive crude mutters. To effect a discharge under These circumstances of the contents of the stomach, nothing is botter calculated than an emetic. Case of this character most generally appear in minimatic situations, & are sometimes of an intermittent type. Dysantery when it orewis in the worm Summer months If the commencement of autumn is frequently attended with gartrie symptoms as nausea I vomiting, a fulness and tenderness of the Opegastrium, feted breath, tongue heavily covered with a deep & durk or yellowish orust, and great thist, an emetic is endispensable in cases of this kind and which it is necessary occasionally to repeat a second, and even a third time. Zimmerman gives an account of an epidemic Dysentery in Henover that resisted every mode of treatment, in which. emetics were ometted in the commencement. In ordinary cases I would recommend a judicious use of the lancet, as preceding all other remedies. With the luncet we most generally check The further progress of inflummation and awaken a susceptibile ty to the operation of other remedus. A deficiency of susceptibility to the action of remedees is not an uncommon concumstance in Dysentery, and its removal is mostly effected by the use of the



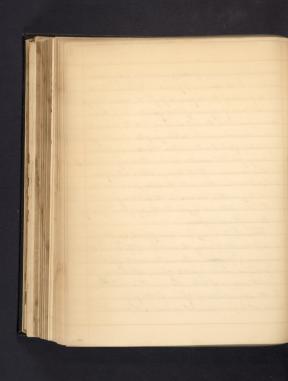
lancet. With the inflamatory state of the bowels, there is usually a spusmodick costiveres, occasioning great pain torture and obstructions to the intestinal evacuations; in the alleviation of this symptom venescotion displays its unrevaled powers by removing completty The spoesm which is not unfrequently followed by relaxation and moisture of the jurface, preve ously not I dry. That O.S. may produce its greatest effects we are told by professor Chapman whose observation is sanctioned by the authority of profesor Physick that reldom will it unswer to Make left than 20 or 25 by of blood, and The operation is even sometimes to be repeated. Our next object is to procure a speedy and effectual evacuation from the intestines; by some practitioners it is attempted to produce this effect by the administration of oil and other lenent Catherlies but most frequently they given in two small quantities from supposing in those proportions They calmed and cleunsed The boroels. But that they may have their full effect they Should be given in large quantities at least two or Three surces of castor oil in the 24 hours. It is well known that when given in small quantelies their impreprior is slight, and consequently



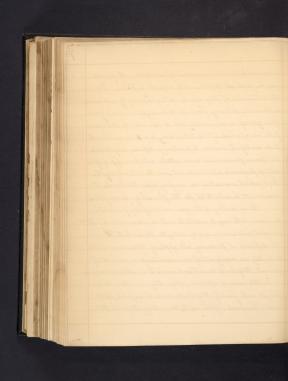
8

own of by course ventions producing an consension of any feedant mother. In the disease as it presents in the permits menths it is the practice of Dr bhapman to freely the Mirrourial pargy from their more operaly and effectual operation. This treatment he has found to be the most handred. Mith the taland he contains this has found to be the most handred. Mith the taland he contains the paration aforth of with injections. Whenthelessed offer of freedowing producing producing arouth injections. Whenthelessed offer of producing producing with injections. Whenthelessed offer of producing product a consistent his base nother as better the many one there commences with the discharge are natural, for as long as these commences in the discharge are natural, for as long as these commences in the discharge feedent matter it contains and aggreeales the symptoms by acting on their or flamed presides.

These objects howing been accomplished, our attention is next directed to allow the wouldation of the boards, the consequence of presence influenmentary, and is effect this free propers, we should resort to free months worther trading the manifest according to be allowed to the free property to we are the administration of beaun for the free poor, it should not be given alone, but combined with from other



medicine that with a removal of contation, a diaphoresis may be produced together with a centle catharis. For the attainment of these objects nothing is eminently well calen leted as the following formula. Calonal gr XVI Ofrum grs 10 Spice gos OH, mixed accurately and divided into Dij provoders or fills one of which is to be taken every 2 or 3 hours . Should it be our object, however to produce a copious diaphonesis, The Lovers powder as a more certain and proverful dispheretic is prepable and would not fail to meet our object -But whilst evacuations are necessary from the bowels, it should not be substituted for the preciseing prescription. as an auxiliary to the means used in effecting persperation, The rourm bath may be resorted to routh us inconsiderable benefit, or what will answer equally well, the Napour bath. From The difficulty of procuring and applying those meuns at all times they are nearly out of are, nevertheless as resources of our art thispshould be netwined in mind in extreme exegences. In The cases of children, where They are notan be emplayed with facility they should never be neglected, as the most fleneficial effects are to be anticipated from their

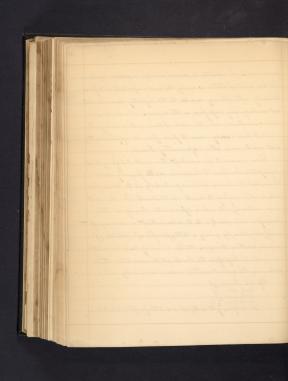


employment. In addition to several remeder markines, we should not love right of blaters as among the most emportant, and four blendardy after sharing resorted to the displayer measure with out marking any emprepries on the disease. Its should under such communications, cour the whole abstems with a blater, and we shall shave weakeny resent to find from its applicating the best results, as in other inflammatory diseases.

There remain to be mentioned than most distribute force symptimes. I remain I I sensomers, which frequestly cour throughout the directs but more puriouslasty at the closer, for which it is received to direct our breakment. For this elect from enters largely, as The frenches in making, into which of from enters largely, as The frenches engrelessly is to be administrate on nor may affect while promotines, by giving a table prompt of a stables of common past on Benezon. Though on money capes, where it is our worth to keep open the bouchs, at the same time the following Oleaning meature answers admirably well

Rg: Ob. Micini. 31 Sach, all-31 albamen. 31 agua Caleis. 311

agree clein & 11 Jo. Of which a table spoonful is to be taken



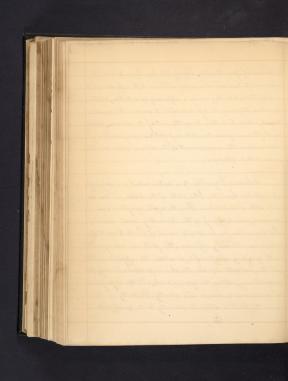
every 2 or 3 hours. Though as Torman & Turnsmu occur most frequently in the latter front of the discrey an important benefit with be described by the discrey an important benefit with be described association of the restam a volid full of opinion of \$1.5 apr when duced a small may into the Intertion and have the yourse effect. At the sametime it is left a fort to produce constraint, without and of the sametime it is left a fort to produce constraint, without and often answer still be for a post to produce constraint, without and only on four field with the or the or for the hours and achieve may be considered on four better, then there bely the medicine commonly conferred, and in facts, from its mildresh, is far perpensed to any of trajetable below.

Channy persoled in the administration of the close requested in the ordinary cases of the directs a convaluence or gradual return to health is to be expected. It is needed you some observations should be made with respect to the district form of the continuance of the directs. The improperaty of allowing the patient any thing creekeding, from the high by enfluence after patient any thing creekeding, to the apparent to be denied and are should therefore, pertined him to flick of the blandest mature perch as backey water, rice water



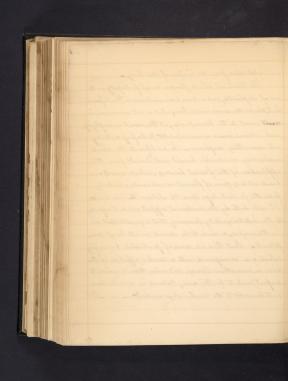
Muchase of Jam arabies Shipry Elm In, Sugar I water It achieve our to be proclosed in every enrique, and mit infinited white superfitted white they conser a sufficiency of outsition at the same time they may be left calculated to express the desisting organs, which from their being the sate of the discare, should be left in as against a state as forfulle. He sometimes produced the man the conservation of the discare environment of the discare environments.

Chronic Depending to a certain autent is a way different affection from the other states of the disease, and diseases not a little of our stateshow. Here the acusts symptom are promoted from an account of the Abraham can be made as the consist of feederst meather, are accompanied awhich are activemely offeners. The store has a achievemely offeners, the store has a physician and the feed out for found for some times, the applicate work of any times and the feed out days the procontinuous pallows, the ages are sunk, and the articleshow, of countercarse is meager and ghastly. Evidently in this case the blood is alternated internally to the great discussion.

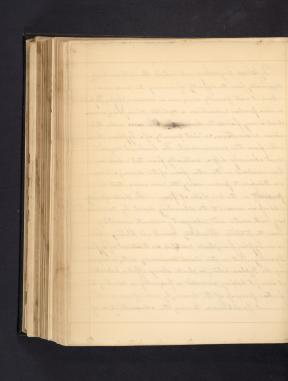


and abstracted from the surface of the body -

The treatment should therefore consert formerfully in the use of diaphoreties, such as have been mentioned in tacute form. But should the direct verist those which is not uncommon, we mass resort to the Dovers powder; at the same time employing such external means as are calculated to keep up a steady and unremitting deaphoreris - In addition to the above means, very considerable benefit will derived from the application of the flannel bandage, which consists in a broad and long piece of flannel carried round circularly from the fortents hips tower the abolomen to his arilar. It acts both by The mechanical support which it affords to the intestines, and by preserving that a greeable heat on The the surface, so much to be derived in all bowel complaints & But there are cores of protracted by senting which are accompanied with a morbid affection of the lever or some other Viscos; - and when there is reason to suspect such to be the cure, Calonel in minute doses must be added to the remedies above mentioned . -



Typhous Degentery into which the acute sometimes degenerates, from the difficulty of removing the causes under which it most generally occurs such as crowded spips, Hos pitals or nome procedier circumstances, as retexted almos others is rondered a very formidable direase, har The cases under The above concumstances are most generally of a Typhous Character from the commencement. The treatment required must obviously differ materially from that which has been mentioned in The other forms of the disease; and we are Therefore to pursue nearly the same course that is pressured in the low states of fever. We should especially address our remedies to the alimentury canal by commence eng north emetics and subsequent moderate execuations from the Intestines. Stimulating cordials and blisters, no hich as in Typhus, fevery should constitute our treatment of Lyphous Dysentery. But in this disease commencing routh, or acquire ing the Typhous action, we should always effect a Salivation at once it having rucceeded to frequently in arresting the further progress of the direase, by some of our most eminent practitioners. During the administration of



Mureung we are to partain the strength of the Prelient by administrance diffusible stimulants,

We sometimes, however, find the disease a furning Inter mittent formigrach care having been related by Cleghoon, as occuring in the discours of Minorca; foresenting a comple cation of Symptoms and exceedingly difficult of management It was first spoken of by Lydenham, who says. What whilst he is pursuing his general treatment, he administ texs during the Apyresia, back andin this, he has been emitated by Cleghorn and others. But we are on the authority of profesor Chapmen, disposed to doubt the correctness of his practice, believing that there is recovery any medicine in the Mat- Mod. botter calculated to frome inequious to the tender and influent surface of the Intertines Man backy and Alle Mould Therefore disregard The cercamstance of the intermelion, until we have removed the affection of the bowels; and then attack it with the appropriate remedies - - - -

